

ABSTRACT

5 In a wireless communication system a method for combination
transmission of packet data and low delay data. In one embodiment a parallel
signaling channel provides a message to receivers indicating a target recipient
of packet data. The message also identifies the transmission channels used for
packet data transmissions. Each receiver may then selectively decode only
10 packets where the message identifies the receiver as a target recipient. The data
packets stored in a buffer are ignored if the target recipient is another mobile
unit. In one embodiment, the message is sent concurrently with the data packet
on a parallel channel. In one embodiment, the message is punctured into the
high rate packet data transmission.